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(11)

EP 1 504 778 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
16.03.2005 Bulletin 2005/11

(51) Int Cl. 7: A61L 31/16, A61M 5/142

(43) Date of publication A2:
09.02.2005 Bulletin 2005/06

(21) Application number: 04254741.4

(22) Date of filing: 06.08.2004

(84) Designated Contracting States:
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HU IE IT LI LU MC NL PL PT RO SE SI SK TR
Designated Extension States:
AL HR LT LV MK

(30) Priority: 06.08.2003 US 492848 P

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(54) Implantable pump for the treatment of obesity

(57) The present invention includes methods and materials for manipulating the sense of satiety developed from the gastrointestinal transit of a substance in a mammal, whether the substance be a food or drug compound. The method involves administering a therapeutically effective amount, by a direct delivery route, of a pharmaceutically acceptable formulation comprising nutrients and pharmacological agents to the mammal's gastrointestinal tract. The present system is designed to maximize satiety feedback from normal intestinal sensors by small amounts of nutrients or nutrient derivatives, in essence, to "fool" body sensors that are not usually in contact with nutrients unless very large amounts are ingested.

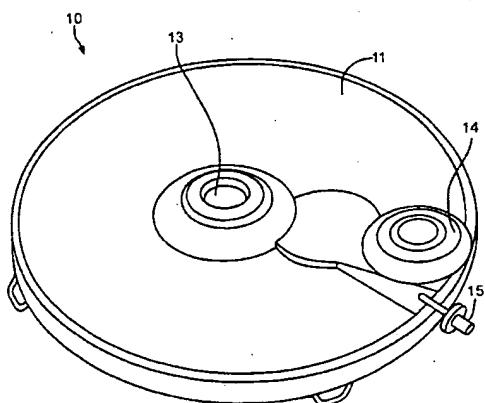


FIG. 1



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EP 04 25 4741

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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